EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	hif1 and hif2 and hif3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/12/28 15:14
S2	3768	hif	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/12/28 14:33
S3	3336	deferoxamine or desferrioxamine or dfo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/12/28 14:34
S4	128	S2 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/12/28 14:34
S5	30131	hemoglobin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/12/28 14:34
S6	25	S4 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/12/28 14:37
S7	1161	gamma adj globin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/12/28 14:34
S8	1	S4 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/12/28 14:35

12/28/2007 5:06:57 PM Page 1

EAST Search History

S9	1259	fetal adj hemoglobin	US-PGPUB;	NEAR	OFF	2007/12/28 14:35
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S17	21 S7	7 and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	NEAR	OFF	2007/12/28 15:25	
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12/28/2007 5:06:57 PM Page 3

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DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                     CA: 148(1)3081n
   148003081
                                                JOURNAL
   An Endoplasmic Reticulum Transmembrane Prolyl 4-Hydroxylase Is Induced by
   Hypoxia and Acts on Hypoxia-inducible Factor .alpha.
   AUTHOR(S): Koivunen, Peppi; Tiainen, Paeivi; Hyvaerinen, Jaana; Williams,
Kim E.; Sormunen, Raija; Klaus, Stephen J.; Kivirikko, Kari I.; Myllyharju,
   LOCATION: Collagen Research Unit, University of Oulu, FIN-90014, Oulu,
JOURNAL: J. Biol. Chem. (Journal of Biological Chemistry) DATE: 2007 VOLUME: 282 NUMBER: 42 PAGES: 30544-30552 CODEN: JBCHA3 ISSN: 0021-9258 LANGUAGE: English PUBLISHER: American Society for Biochemistry
and Molecular Biology
                (Item 2 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                    CA: 147(16)335983j
                                                    JOURNAL
   HIF-prolyl hydroxylase inhibition results in endogenous erythropoietin
   induction, erythrocytosis, and modest fetal hemoglobin expression in
   rhesus macaques
   AUTHOR(S): Hsieh, Matthew M.; Linde, N. Seth; Wynter, Aisha; Metzger,
Mark; Wong, Carol; Langsetmo, Ingrid; Lin, Al; Smith, Reginald; Rodgers,
Griffin P.; Donahue, Robert E.; Klaus, Stephen J.; Tisdale, John F. LOCATION: Molecular and Clinical Hematology Branch (MCHB), National
Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), National Institutes of Health (NIH), Bethesda, MD, USA

JOURNAL: Blood (Blood) DATE: 2007 VOLUME: 110 NUMBER: 6 PAGES:
2140-2147 CODEN: BLOOAW ISSN: 0006-4971 LANGUAGE: English PUBLISHER:
American Society of Hematology
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DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                       CA: 147(15)315095t
                                                          PATENT
   Compounds and methods for treatment of stroke
   INVENTOR(AUTHOR): Klaus, Stephen J.; Langsetmo Parobok, Ingrid; Jacob,
Christopher T.
   LOCATION: USA
   ASSIGNEE: Fibrogen, Inc.
   PATENT: PCT International; WO 200797929 A1 DATE: 20070830 APPLICATION: WO 2007US3551 (20070208) *US 2006PV774950 (20060216)
   PAGES: 131pp. CODEN: PIXXD2 LANGUAGE: English PATENT CLASSIFICATIONS:
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DIALOG(R) File 399:CA SEARCH(R)
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   146119875
                       CA: 146(7)119875n
                                                         JOURNAL
   preconditional activation of hypoxia-inducible factors ameliorates
   ischemic acute renal failure
   AUTHOR(S): Bernhardt, Wanja M.; Campean, Valentina; Kany, Sarah;
Juergensen, Jan-Steffen; Weidemann, Alexander; Warnecke, Christina; Arend, Michael; Klaus, Stephen; Guenzler, Volkmar; Amann, Kerstin; Willam, Carsten; Weisener, Michael S.; Eckardt, Kai-Uwe
LOCATION: Departments of Nephrology and Hypertension,
Nikolaus-Fiebiger-Center for Molecular Medicine, Friedrich-Alexander
University Erlangen-Nuremberg, Erlangen, Germany,
JOURNAL: J. Am. Soc. Nephrol. (Journal of the American Society of
Nephrology) DATE: 2006 VOLUME: 17 NUMBER: 7 PAGES: 1970-1978 CODEN:
JASNEU ISSN: 1046-6673 LANGUAGE: English PUBLISHER: American Society of
Nephrology
                  (Item 5 from file: 399)
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DIALOG(R) File 399: CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
   146020346
                       CA: 146(2)20346d
                                                       PATENT
   Hypoxia inducible factor (HIF) hydroxylase inhibitors for the treatment
   of anemia
   INVENTOR(AUTHOR): Klaus, Stephen J.; Neff, Thomas B.
   LOCATION: USA
   ASSIGNEE: Fibrogen, Inc. PATENT: U.S. Pat. Appl. Publ.; US 20060276477 A1 DATE: 20061207
   APPLICATION: US 2006448326 (20060606) *US 2005PV688161 (20050606)
   PAGES: 56pp. CODEN: USXXCO LANGUAGE: English
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Page 4

CLASS: 514248000 IPCR/8 + Level Value Position Status Version Action Source Office: 20060101 20061207 H US A61K-0031/502 AIFB A61K-0031/4745 A I L B 20060101 20061207 US AILB 20060101 20061207 н US A61K-0031/4704 (Item 6 from file: 399) DIALOG(R) File 399:CA SEARCH(R) (c) 2007 American Chemical Society. All rts. reserv. CA: 145(5)81586h JOURNAL 145081586 Connective Tissue Growth Factor-Specific Monoclonal Antibody Therapy Inhibits Pancreatic Tumor Growth and Metastasis AUTHOR(S): Dornhoefer, Nadja; Spong, Suzanne; Bennewith, Kevin; Salim, Ali; Klaus, Stephen; Kambham, Neeraja; Wong, Carol; Kaper, Fiona; Sutphin, Patrick; Nacalumi, Rendall; Hockel, Michael; Le, Quynh; Longaker, Michael; Yang, George; Koong, Albert; Giaccia, Amato LOCATION: Departments of Radiation Oncology, Plastic Surgery, and Pathology, Stanford University School of Medicine, Stanford, CA, 94305, USA JOURNAL: Cancer Res. (Cancer Research) DATE: 2006 VOLUME: 66 NUMBER: 11 PAGES: 5816-5827 CODEN: CNREA8 ISSN: 0008-5472 LANGUAGE: English PUBLISHER: American Association for Cancer Research (Item 7 from file: 399) DIALOG(R) File 399:CA SEARCH(R) (c) 2007 American Chemical Society. All rts. reserv. JOURNAL CA: 145(1)5402e Connective tissue growth factor-specific antibody attenuates tumor growth, metastasis, and angiogenesis in an orthotopic mouse model of pancreatic cancer AUTHOR(S): Aikawa, Takuma; Gunn, Jason; Spong, Suzanne M.; Klaus, Stephen J.; Korc, Murray LOCATION: Departments of Medicine and Pharmacology and Toxicology, Dartmouth Hitchcock Medical Center and Dartmouth Medical School, Hanover, JOURNAL: Mol. Cancer Ther. (Molecular Cancer Therapeutics) DATE: 2006 VOLUME: 5 NUMBER: 5 PAGES: 1108-1116 CODEN: MCTOCF ISSN: 1535-7163 LANGUAGE: English PUBLISHER: American Association for Cancer Research (Item 8 from file: 399) 2/3/8 DIALOG(R) File 399:CA SEARCH(R) (c) 2007 American Chemical Society. All rts. reserv. CA: 143(26)472555c PATENT 143472555 Treatments for cancer INVENTOR(AUTHOR): Spong, Suzanne M.; Neff, Thomas B.; Klaus, Stephen J. **LOCATION: USA** ASSIGNEE: Fibrogen, Inc. PATENT: PCT International; WO 2005110479 A2 DATE: 20051124 APPLICATION: WO 2005US14910 (20050428) *US 2004PV566277 (20040428) *US 2004PV588843 (20040716) PAGES: 35 pp. CODEN: PIXXD2 LANGUAGE: English PATENT CLASSIFICATIONS: A61K-045/00A CLASS: DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA;

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DIALOG(R) File 399:CA SEARCH(R)
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   143187464
                     CA: 143(11)187464r
                                                      PATENT
   Modulation of human connective tissue growth factor signaling by sulfated
   polysaccharides and applications in drug screening
   INVENTOR(AUTHOR): Klaus, Stephen J.; Liū, David Y.; Aizman, Irina
   LOCATION: USA
   ASSIGNEE: Fibrogen, Inc.
   PATENT: PCT International; WO 200570970 A1 DATE: 20050804
APPLICATION: WO 2005US1275 (20050114) *US 2004PV537053 (20040116)
                        CODEN: PIXXD2 LANGUAGE: English
   PAGES: 48 pp.
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                C08B-037/00A; A61K-031/737B
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LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
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                                                      PATENT
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   Preparation of xanthines and related compounds for inhibiting interleukin-12 intracellular signaling
   INVENTOR(AUTHOR): Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.;
Gong, Baoqing
   LOCATION: USA
ASSIGNEE: Cell Therapeutics, Inc.
PATENT: United States; US 6878715 B1 DATE: 20050412
APPLICATION: US 2000544984 (20000407) *US 199368 (19940218) *US 217051
(19940324) *US 486264 (19950607) *US 483871 (19950607) *US 8020 (19980116)
*US 288556 (19990409)
   PAGES: 104 pp., Cont.-in-part of U.S. Ser. No. 288,556. CODEN: USXXAM LANGUAGE: English
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 (c) 2007 American Chemical Society. All rts. reserv.
                     CA: 142(21)385998k
   142385998
                                                      PATENT
   Agents for tissue remodeling and vascularization and therapeutic and
   prophylactic treatment of vascular insufficiency related diseases
   INVENTOR (AUTHOR): Guenzler-Pukall, Volkmar; Klaus, Stephen J.; White,
                                                         Page 6
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Carl W.; Asikainen, Tiina Maria
   LOCATION: USA
   ASSIGNEE: Fibrogen, Inc.; National Jewish Medical and Research Center PATENT: PCT International; WO 200534929 A2 DATE: 20050421 APPLICATION: WO 2004US33706 (20041012) *US 2003PV510323 (20031010)
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NE; SN; TD; TG
                    (Item 12 from file: 399)
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DIALOG(R) File 399:CA SEARCH(R)
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                        CA: 142(10)170084y
   142170084
                                                             PATENT
   Inhibitors of 2-oxoglutarate dioxygenase as gamma globin inducers
   INVENTOR(AUTHOR): Klaus, Stephen J.; Ratcliffe, Peter J.
   LOCATION: USA
   ASSIGNEE: Fibrogen, Inc.; Isis Innovation Limited PATENT: PCT International; WO 200511696 A1 DATE: 20050210 APPLICATION: WO 2004US24916 (20040730) *US 2003PV492045 (20030801) PAGES: 43 pp. CODEN: PIXXD2 LANGUAGE: English
   PATENT CLASSIFICATIONS:
                    A61K-031/47A; A61K-031/17B; A61K-031/19B; A61P-007/00B;
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A61P-007/06B; A61P-033/06B; A61P-043/00B
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BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;
NE: SN: TD: TG
                    (Item 13 from file: 399)
  2/3/13
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                         CA: 142(9)148828x
                                                            PATENT
   142148828
   Cytoprotection by HIF hydroxylase inhibitors
   INVENTOR(AUTHOR): Guenzler-Pukall, Volkmar; Klaus, Stephen J.; Liu, David
Y.; Seeley, Todd w. LOCATION: USA
   ASSIGNEE: Fibrogen, Inc.
   PATENT: PCT International; WO 200507192 A2 DATE: 20050127 APPLICATION: WO 2004US17689 (20040604) *US 2003PV476740 (20030606) *US
 2003PV476723 (20030606) *US 2004PV554568 (20040319)
    PAGES: 38 pp. CODEN: PIXXD2 LANGUAGE: English
    PATENT CLASSIFICATIONS:
       CLASS: A61K-045/00A
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Untitled
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;
NE; SN; TD; TG
                (Item 14 from file: 399)
 2/3/14
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                    CA: 142(3)33037w
                                               PATENT
   142033037
  Use of hypoxia-inducible factor .alpha. (HIF.alpha.) stabilizers for
   enhancing erythropoiesis
INVENTOR(AUTHOR): Klaus, Stephen J.; Molineaux, Christopher J.; Neff, Thomas B.; Guenzler-Pukall, Volkmar; Lansetmo Parobok, Ingrid; Seeley, Todd
W.; Stephenson, Robert C.
  LOCATION: USA
  ASSIGNEE: Fibrogen, Inc.
PATENT: PCT International; WO 2004108121 A1 DATE: 20041216
APPLICATION: WO 2004US17772 (20040604) *US 2003PV476704 (20030606) *US 2004PV566488 (20040429) *US 2004PV566237 (20040429) *US 2004PV569797 (20040510) *US 2004861590 (20040603)
   PAGES: 135 pp. CODEN: PIXXD2 LANGUAGE: English
   PATENT CLASSIFICATIONS:
                A61K-031/00A; A61K-031/395B; A61K-031/165B; A61P-007/06B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT: LU: LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG
                (Item 15 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
   141065111
                    CA: 141(5)65111m
                                               PATENT
Fat regulation by stabilizing hypoxia-inducible factor .alpha.
INVENTOR(AUTHOR): Fourney, Patrick D.; Guenzler-Pukall, Volkmar; Klaus,
Stephen J.; Lin, Al Y.; Neff, Thomas B.; Seeley, Todd W.
LOCATION: USA
  ASSIGNEE: Fibrogen, Inc.
  PATENT: PCT International; WO 200452285 A2 DATE: 20040624 APPLICATION: WO 2003US38690 (20031205) *US PV431351 (20021206) *US
PV476331 (20030606) *US PV476726 (20030606) *US 729167 (20031204)
   PAGES: 66 pp. CODEN: PIXXD2 LANGUAGE: English
   PATENT CLASSIFICATIONS:
     CLASS: A61K-000/A
  DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;
                                                     Page 8
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Untitled
SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG
 2/3/16
                 (Item 16 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                    CA: 141(5)65110k
   141065110
                                                PATENT
   Methods and compositions for treatment of diabetes
   INVENTOR(AUTHOR): Guenzler-Pukall, Volkmar; Klaus, Stephen J.; Langsetmo
Parobok, Ingrid; Seeley, Todd W.
   LOCATION: USA
   ASSIGNEE: Fibrogen, Inc.
   PATENT: PCT International; WO 200452284 A2 DATE: 20040624
APPLICATION: WO 2003US38689 (20031205) *US PV431351 (20021206) *US
PV476331 (20030606) *US PV476726 (20030606) *US 729704 (20031204)
   PAGES: 74 pp. CODEN: PIXXD2 LANGUAGE: English
   PATENT CLASSIFICATIONS:
      CLASS:
                A61K-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;
SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;
ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM
 ; ZW; AM; AZ; BY; KG; KZ; MĎ; RÚ; TĴ; TM; AŤ; BĚ; BĞ; CH; CY; CZ; DĚ; DK;
EE; ES; FI; FR; GB; GR; HU; ÍE; ÍT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG
                 (Item 17 from file: 399)
 2/3/17
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                    CA: 140(12)175132f
                                                   PATENT
   140175132
   Hydroxyl-containing compounds
INVENTOR(AUTHOR): Underiner, Gail E.; Porubek, David; Klein, J. Peter; Woodson, Paul; Klaus, Stephen J.; Kumar, Anil M.; Tulinsky, John
   LOCATION: USA
   ASSIGNEE: Cell Therapeutics, Inc.
   PATENT: United States; US 6693105 B1 DATE: 20040217
APPLICATION: US 361145 (19990727) *US 976353 (19921116) *US 153356
(19931116) *US 756703 (19961126) *US 8020 (19980116) *US 288556 (19990409) PAGES: 33 pp., Cont.-in-part of U.S. Ser. No. 288,556. CODEN: USXXAM
   LANGUAGE: English
   PATENT CLASSIFICATIONS:
      CLASS: 514263300; A61K-031/522A; C07D-473/00B; G01N-033/00B
                 (Item 18 from file: 399)
 2/3/18
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                    CA: 139(6)79179k
   139079179
                                                PATENT
   Methods of increasing endogenous erythropoietin (EPO)
INVENTOR(AUTHOR): Klaus, Stephen J.; Lin, Al Y.; Neff, Thomas B.; Wang, Qingjian; Guenzler-Pukall, Volkmar; Arend, Michael P.; Flippin, Lee A.;
Melekhov, Alex
   LOCATION: USA
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ASSIGNEE: Fibrogen, Inc.
  PATENT: PCT International; WO 200353997 A2 DATE: 20030703
APPLICATION: WO 2002US39163 (20021206) *US PV337082 (20011206) *US
PV349659 (20020116) *US PV359683 (20020225) *US PV386488 (20020605)
  PAGES: 81 pp. CODEN: PIXXD2 LANGUAGE: English
  PATENT CLASSIFICATIONS:
     CLASS:
              C07K-000/A
  DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ
; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI;
Ŕĸ; Ġĸ; Ġĸ; ĺŧ; ĺt; Ĺu; MC; ŃL; PT; Śŧ; ŚI; ŚK; Ťĸ; ŘF; ŘJ; ČF; ČG; ČI; ČM;
GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG
              (Item 19 from file: 399)
 2/3/19
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
  136232165
                  CA: 136(15)232165n
                                             PATENT
  Preparation of xanthine derivatives and analogs as cell signaling
  inhibitors
  INVENTOR(AUTHOR): Klein, J. Peter; Klaus, Stephen J.; Kumar, Anil M.;
Gong, Baoqing
  LOCATION: USA
  PATENT: U.S. Pat. Appl. Publ.; US 20020028823 A1 DATE: 20020307 APPLICATION: US 288556 (19990409) *US 8020 (19980116)
  PAGES: 143 pp., Cont.-in-part of U. S. Ser. No. 8,020, abandoned. CODEN: USXXCO LANGUAGE: English
  PATENT CLASSIFICATIONS:
     CLASS: 514263000; A61K-031/52A; A61K-031/47B
              (Item 20 from file: 399)
 2/3/20
DIALOG(R)File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                  CA: 132(9)106738f
                                            JOURNAL
  Selective pharmacologic inhibition of murine and human IL-12-dependent Th1 differentiation and IL-12 signaling
  AUTHOR(S): Coon, Michael E.; Diegel, Michael; Leshinsky, Natasha; Klaus,
Stephen J
  LOCATION: Immunology Program, Cell Therapeutics, Inc., Seattle, WA, 98119
  USA
JOURNAL: J. Immunol. DATE: 1999 VOLUME: 163 NUMBER: 12 PAGES: 6567-6574 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English PUBLISHER:
American Association of Immunologists
               (Item 21 from file: 399)
 2/3/21
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                 CA: 131(8)102135p
                                            PATENT
  131102135
  Method of inhibiting interleukin-12 signaling using 1-(5-hydroxyhexyl)-3,7-dimethylxanthine derivatives
  INVENTOR (AUTHOR): Klaus, Stephen J.; Klein, Peter J.; Kumar, Anil M.
  LOCATION: USA
  ASSIGNEE: Cell Therapeutics, Inc.
  PATENT: PCT International; WO 9936073 Al DATE: 19990722
                                               Page 10
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Untitled APPLICATION: WO 98US27848 (19981230) *US 8020 (19980116) PAGES: 52 pp. CODEN: PIXXD2 LANGUAGE: English PATENT CLASSIFICATIONS: CLASS: A61K-031/52A DESIGNATED COUNTRIES: AU; CA; CN; CZ; HU; IL; JP; MX; NO; NZ; PL; PT; RU; YU DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IÉ; IT ; LU; MC; NL; PT; SE (Item 22 from file: 399) 2/3/22 DIALOG(R) File 399:CA SEARCH(R) (c) 2007 American Chemical Society. All rts. reserv. **JOURNAL** CA: 130(13)162906e 130162906 Prevention of experimental allergic encephalomyelitis via inhibition of IL-12 signaling and IL-12-mediated Th1 differentiation: an effect of the novel anti-inflammatory drug lisofylline AUTHOR(S): Bright, John J.; Du, Caigan; Coon, Michael; Sriram, Subramaniam; Klaus, Stephen J. LOCATION: Dep. Neurol., Vanderbilt Univ. Med. Cent., Nashville, TN, 37212 , USA JOURNAL: J. Immunol. DATE: 1998 VOLUME: 161 NUMBER: 12 PAGES: 7015-7022 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English PUBLISHER:

American Association of Immunologists

2/3/23 (Item 23 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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126116623 CA: 126(9)116623e JOURNAL
Regulation of signaling through B-lymphocyte antigen receptors by cell-cell interaction molecules
AUTHOR(S): Law, Che-Leung; Craxton, Andrew; Otipoby, Kevin L.; Sidorenko, Svetlana P.; Klaus, Stephen J.; Clark, Edward C.
LOCATION: Department Microbiology, University Washington, Seattle, WA, 98195, USA
JOURNAL: Immunol. Rev. DATE: 1996 VOLUME: 153, PAGES: 123-154 CODEN: IMRED2 ISSN: 0105-2896 LANGUAGE: English PUBLISHER: Munksgaard

2/3/24 (Item 24 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.

126046278 CA: 126(4)46278V JOURNAL CD22 regulates thymus-independent responses and the lifespan of B cells AUTHOR(S): Otipoby, Kevin L.; Andersson, Kristin B.; Draves, Kevin E.; Klaus, Stephen J.; Farr, Andrew G.; Kerner, James D.; Perlmutter, Roger M.; Law, Che-Leung; Clark, Edward A. LOCATION: Howard Hughes Medical Inst., Univ. Washington Medical Center, Seattle, WA, 98195, USA JOURNAL: Nature (London) DATE: 1996 VOLUME: 384 NUMBER: 6610 PAGES: 634-637 CODEN: NATUAS ISSN: 0028-0836 LANGUAGE: English PUBLISHER: Macmillan Magazines

2/3/25 (Item 25 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.

125325708 CA: 125(25)325708e JOURNAL Functional CD40 ligand expressed by human blood dendritic cells is Page 11

up-regulated by CD40 ligation AUTHOR(S): Pinchuk, Lesya M.; Klaus, Stephen J.; Magaletti, Dario M.; Pinchuk, George V.; Norsen, Jason P.; Clark, Edward A. LOCATION: Regional Primate Research Center, Univ. Washington Med. Cent., Seattle, WA, 98195, USA JOURNAL: J. Immunol. DATE: 1996 VOLUME: 157 NUMBER: 10 PAGES: 4363-4370 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English 2/3/26 (Item 26 from file: 399) DIALOG(R)File 399:CA SEARCH(R) (c) 2007 American Chemical Society. All rts. reserv. 125298999 CA: 125(23)298999s JOURNAL Protein kinase C .mu. (PKC.mu.) associates with the B cell antigen receptor complex and regulates lymphocyte signaling AUTHOR(S): Sidorenko, Svetlana P.; Law, Che-Leung; Klaus, Stephen J.; Chandran, Karen A.; Takata, Minoru; Kurosaki, Tomohiro; Clark, Edward A. LOCATION: Dep. of Microbiology, Univ. of Washington, Seattle, WA, 98195, **USA** JOURNAL: Immunity DATE: 1996 VOLUME: 5 NUMBER: 4 PAGES: 353-363 CODEN: IUNIEH ISSN: 1074-7613 LANGUAGE: English 2/3/27 (Item 27 from file: 399) DIALOG(R) File 399:CA SEARCH(R) (c) 2007 American Chemical Society. All rts. reserv. CA: 125(15)192786e JOURNAL 125192786 Molecules that regulate B-cell fate AUTHOR(S): Klaus, Stephen J.; Law, Che-Leung LOCATION: Department of Immunology, University of Washington, Seattle, WA 98195, USA JOURNAL: Immunologist DATE: 1996 VOLUME: 4 NUMBER: 3 PAGES: 91-98 CODEN: INOLEG ISSN: 1192-5612 LANGUAGE: English (Item 28 from file: 399) 2/3/28 DIALOG(R)File 399:CA SEARCH(R) (c) 2007 American Chemical Society. All rts. reserv. CA: 124(19)258474q JOURNAL CD45 ligation induces programmed cell death in T and B lymphocytes AUTHOR(S): Klaus, Stephen J.; Sidorenko, Svetlana P.; Clark, Edward A. LOCATION: Dep. Immunol. Microbiol., Univ. Washington, Seattle, WA, 98195, **USA** JOURNAL: J. Immunol. DATE: 1996 VOLUME: 156 NUMBER: 8 PAGES: 2743-53 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English (Item 29 from file: 399) DIALOG(R) File 399:CA SEARCH(R) (c) 2007 American Chemical Society. All rts. reserv. CA: 123(11)140908k **JOURNAL** Accessory molecules that influence signaling through B lymphocyte antigen AUTHOR(S): Clark, Edward A.; Berberich, Ingolf; Klaus, Stephen J.; Law, Che-Leung; Sidorenko, Svetlana P.
LOCATION: Department Microbiology, University Washington Medical Center SC-42, Seattle, WA, 98195, USA JOURNAL: Adv. Exp. Med. Biol. DATE: 1994 VOLUME: 365, PAGES: 35-43 CODEN: AEMBAP ISSN: 0065-2598 LANGUAGE: English Page 12

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2/3/30
              (Item 30 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                 CA: 122(7)78452f
                                          JOURNAL
  CD40 and its ligand in the regulation of humoral immunity
  AUTHOR(S): Klaus, Stephen J.; Berberich, Ingolf; Shu, Geraldine; Clark,
Edward A.
  LOCATION: Department Microbiology, University Washington, Seattle, WA,
98195, USA
  JOURNAL: Semin. Immunol. DATE: 1994 VOLUME: 6 NUMBER: 5 PAGES: 279-86
  CODEN: SEIME2 ISSN: 1044-5323 LANGUAGE: English
 2/3/31
              (Item 31 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
  121253498 CA: 121(21)253498d JOURNAL The role of CD40 and CD80 accessory cell molecules in dendritic
  cell-dependent HIV-1 infection
  AUTHOR(S): Pinchuk, Lesya M.; Polacino, Patricia S.; Agy, Michael B.;
Klaus, Stephen J.; Clark, Edward A.
  LOCATION: Regional Primate Res. Cent., Univ. Washington Med. Cent.,
Seattle, WA, 98195, USA
JOURNAL: Immunity DATE: 1994 VOLUME: 1 NUMBER: 4 PAGES: 317-25
  CODEN: IUNIEH ISSN: 1074-7613 LANGUAGE: English
              (Item 32 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                 CA: 121(7)80537k
                                          JOURNAL
  Costimulation through CD28 enhances T cell-dependent B cell activation
  via CD40-CD40L interaction
AUTHOR(S): Klaus, Stephen J.; Pinchuk, Lesya M.; Ochs, Hans D.; Law, Che Leung; Fanslow, William C.; Armitage, Richard J.; Clark, Edward A. LOCATION: Dep. Microbiol., Univ. Washington, Seattle, WA, 98195, USA JOURNAL: J. Immunol. DATE: 1994 VOLUME: 152 NUMBER: 12 PAGES: 5643-52
  CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English
              (Item 33 from file: 399)
 2/3/33
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                CA: 120(3)28930y
                                          JOURNAL
  120028930
  Effects of IL-4 and Fc.gamma. receptor II engagement on Egr-1 expression
  during stimulation of B lymphocytes by membrane immunoglobulin crosslinking
  AUTHOR(S): Klaus, Stephen J.; Phillips, Nancy E.; Parker, David C.
  LOCATION: Med. Sch., Univ. Massachusetts, Worcester, MA, 01655, USA JOURNAL: Mol. Immunol. DATE: 1993 VOLUME: 30 NUMBER: 16 PAGES: 1553-8
  CODEN: MOIMD5 ISSN: 0161-5890 LANGUAGE: English
              (Item 34 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
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Untitled
                  CA: 118(1)5197j
                                         JOURNAL
  118005197
  Inducible cell contact signals regulate early activation gene expression
  during B-T lymphocyte collaboration
  AUTHOR(S): Klaus, Stephen J.; Parker, David C.
  LOCATION: Med. Cent., Univ. Massachusetts, Worcester, MA, 01655, USA JOURNAL: J. Immunol. DATE: 1992 VOLUME: 149 NUMBER: 6 PAGES: 1867-75 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English
? E AU=RATCLIFFE, PETER
Ref
       Items
               Index-term
           5 AU=RATCLIFFE, PAUL D.
2 AU=RATCLIFFE, PAUL DAVID
10 *AU=RATCLIFFE, PETER
E1
E2
E3
E4
              AU=RATCLIFFE, PETER J
            3
E5
          114
               AU=RATCLIFFE, PETER J.
E6
               AU=RATCLIFFE, PETER JOHN
               AU=RATCLIFFE, PHIL
E7
               AU=RATCLIFFE, PHILIP
E8
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           38 AU=RATCLIFFE, PHILIP G (ED)
29 AU=RATCLIFFE, PHILIP G.
E9
E10
            1
               AU=RATCLIFFE, PHILIPPE
AU=RATCLIFFE, PHILLIP G.
E11
E12
            Enter P or PAGE for more
? S E3 OR E5
                 10 AU=RATCLIFFE, PETER
                114
                     AU=RATCLIFFE, PETER J.
AU='RATCLIFFE, PETER' OR AU='RATCLIFFE, PETER J.'
                124
       S3
? RD
                122
                     RD (unique items)
? S OXOGLUARATE; S GAMMA (W) GLOBIN; S FETAL (W) HEMOGLOBIN
                      OXOGLUARATE
       S5
           2191677
                      GAMMA
            112121
                      GLOBIN
               8553
                      GAMMA (W) GLOBIN
           1031436
                      FETAL
            440889
                      HEMOGLOBIN
             17852
                      FETAL (W) HEMOGLOBIN
       S7
? S OXOGLUTARATE
             17508
                     OXOGLUTARATE
       S8
? DS
         Items
                   Description
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                   AU='KLAUS, STEPHEN' OR AU='KLAUS, STEPHEN J.'
s1
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S2
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                   AU='RATCLIFFE, PETER' OR AU='RATCLIFFE, PETER J.'
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s3
S4
            122
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? RD
      S10
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DIALOG(R) File 149:TGG Health&wellness DB(SM)
(c) 2007 The Gale Group. All rts. reserv.
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03214118
Fumarate Hydratase Deficiency and Cancer: Activation of Hypoxia
   Signaling?(Author abstract)
Ratcliffe, Peter J. Cancer Cell, 11, 4, 303(3)
April 10.
2007
DOCUMENT TYPE: Author abstract
                                                 PUBLICATION FORMAT: Magazine/Journal
ISSN: 1535-6108 LANGUAGE: English RECORD TYPE: Abstract
TARGET AUDIENCE: Academic
                  (Item 1 from file: 399)
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DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                      CA: 145(9)160651d
                                                      JOURNAL
   145160651
   Concordant Regulation of Gene Expression by Hypoxia and
   2-Oxoglutarate-dependent Dioxygenase Inhibition: The role of
2-Oxogiutarate-dependent Dioxygenase Inhibition: The Fore of HIF-1.alpha., HIF-2.alpha., and other pathways AUTHOR(S): Elvidge, Gareth P.; Glenny, Louisa; Appelhoff, Rebecca J.; Ratcliffe, Peter J.; Ragoussis, Jiannis; Gleadle, Jonathan M. LOCATION: Oxygen Sensing Group, The Henry Wellcome Building for Molecular Physiology, University of Oxford, Oxford, UK, OX3 7BN JOURNAL: J. Biol. Chem. (Journal of Biological Chemistry) DATE: 2006 VOLUME: 281 NUMBER: 22 PAGES: 15215-15226 CODEN: JBCHA3 ISSN: 0021-9258 LANGUAGE: English PUBLISHER: American Society for Biochemistry
and Molecular Biology
                  (Item 2 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                      CA: 144(1)3666z
                                                   JOURNAL
   The prolyl hydroxylase enzymes that act as oxygen sensors regulating
   destruction of hypoxia-inducible factor alpha.
   AUTHOR(S): Willam, Carsten; Nicholls, Lynn G.; Ratcliffe, Peter J.; Pugh,
Christopher W.; Maxwell, Patrick H.
   LOCATION: Wellcome Trust Centre for Human Genetics, Oxford, UK, OX3 7BN
   JOURNAL: Adv. Enzyme Regul. (Advances in Enzyme Regulation) DATE: 2004 VOLUME: 44, PAGES: 75-92 CODEN: AEZRA2 ISSN: 0065-2571 LANGUAGE:
English PUBLISHER: Elsevier Ltd.
                  (Item 3 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
   142170084 CA: 142(10)170084y PATENT Inhibitors of 2-oxoglutarate dioxygenase as gamma globin inducers
   INVENTOR(AUTHOR): Klaus, Stephen J.; Ratcliffe, Peter J.
   LOCATION: USA
   ASSIGNEE: Fibrogen, Inc.; Isis Innovation Limited PATENT: PCT International; WO 200511696 A1 DATE: 20050210 APPLICATION: WO 2004US24916 (20040730) *US 2003PV492045 (20030801) PAGES: 43 pp. CODEN: PIXXD2 LANGUAGE: English
   PATENT CLASSIFICATIONS:
                 A61K-031/47A; A61K-031/17B; A61K-031/19B; A61P-007/00B;
      CLASS:
A61P-007/06B; A61P-033/06B; A61P-043/00B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
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NE; SN; TD; TG
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DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                           CA: 139(22)334670c
                                                                   JOURNAL
    2-Oxoglutarate analogue inhibitors of HIF prolyl hydroxylase
AUTHOR(S): Mole, David R.; Schlemminger, Imre; McNeill, Luke A.; Hewitson, Kirsty S.; Pugh, Christopher W.; Ratcliffe, Peter J.; Schofield,
Christopher J.
LOCATION: Wellcome Trust Centre for Human Genetics, Oxford, UK, OX3 7BN JOURNAL: Bioorg. Med. Chem. Lett. (Bioorganic & Medicinal Chemistry Letters) DATE: 2003 VOLUME: 13 NUMBER: 16 PAGES: 2677-2680 CODEN: BMCLE8 ISSN: 0960-894X PUBLISHER ITEM IDENTIFIER: 0960-894X(03)00539-0
    LANGUAGE: English PUBLISHER: Elsevier Science B.V.
  10/3/6
                      (Item 5 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
    139002533
                           CA: 139(1)2533p
                                                             JOURNAL
   Structure of Factor-inhibiting Hypoxia-inducible Factor (HIF) Reveals Mechanism of Oxidative Modification of HIF-1.alpha.
    AUTHOR(S): Elkins, Jonathan M.; Hewitson, Kirsty S.; McNeill, Luke A.;
Seibel, Juergen F.; Schlemminger, Imre; Pugh, Christopher W.; Ratcliffe, Peter J.; Schofield, Christopher J.
LOCATION: University of Oxford, Oxford Centre for Molecular Sciences and the Dyson Perrins Laboratory, Oxford, UK, OX1 3QY

JOURNAL: J. Biol. Chem. (Journal of Biological Chemistry) DATE: 2003

VOLUME: 278 NUMBER: 3 PAGES: 1802-1806 CODEN: JBCHA3 ISSN: 0021-9258

LANGUAGE: English PUBLISHER: American Society for Biochemistry and
Molecular Biology
                      (Item 6 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
    137212718
                          CA: 137(15)212718n
                                                                   JOURNAL
   The use of dioxygen by HIF prolyl hydroxylase (PHD1)
AUTHOR(S): McNeill, Luke A.; Hewitson, Kirsty S.; Gleadle, Jonathan M.; Horsfall, Louise E.; Oldham, Neil J.; Maxwell, Patrick H.; Pugh, Christopher W.; Ratcliffe, Peter J.; Schofield, Christopher J. LOCATION: Oxford Centre for Molecular Sciences, Dyson Perrins Laboratory,
Oxford, UK, OX1 3QY
    JOURNAL: Bioorg. Med. Chem. Lett. (Bioorganic & Medicinal Chemistry
Letters) DATE: 2002 VOLUME: 12 NUMBER: 12 PAGES: 1547-1550 CODEN: BMCLE8 ISSN: 0960-894X PUBLISHER ITEM IDENTIFIER: 0960-894X(02)00219-6
   LANGUAGE: English PUBLISHER: Elsevier Science Ltd.
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              (Item 1 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                 CA: 142(10)170084y
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  Inhibitors of 2-oxoglutarate dioxygenase as gamma globin inducers
  INVENTOR(AUTHOR): Klaus, Stephen J.; Ratcliffe, Peter J.
  LOCATION: USA
  ASSIGNEE: Fibrogen, Inc.; Isis Innovation Limited
PATENT: PCT International; WO 200511696 A1 DATE: 20050210
  APPLICATION: WO 2004US24916 (20040730) *US 2003PV492045 (20030801)
  PAGES: 43 pp. CODEN: PIXXD2 LANGUAGE: English
  PATENT CLASSIFICATIONS:
              A61K-031/47A; A61K-031/17B; A61K-031/19B; A61P-007/00B;
     CLASS:
A61P-007/06B; A61P-033/06B; A61P-043/00B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
 ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG
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DIALOG(R) File 5: Biosis Previews (R)
(c) 2007 The Thomson Corporation. All rts. reserv.
            BIOSIS NO.: 200400147206
Select histone deacetylase inhibitors mimic induction of fetal hemoglobin by hypoxia in erythroid progenitor cells.

AUTHOR: Rogers Heather M (Reprint); Noguchi Constance Tom (Reprint)
AUTHOR ADDRESS: Laboratory of Chemical Biology, NIDDK, National Institutes
  of Health, Bethesda, MD, USA**USA
JOURNAL: Blood 102 (11): p516a-517a November 16, 2003 2003
MEDIUM: print
CONFERENCE/MEETING: 45th Annual Meeting of the American Society of Hematology San Diego, CA, USA December 06-09, 2003; 20031206
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Poster; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English
              (Item 2 from file: 5)
 16/3/2
DIALOG(R) File
                 5:Biosis Previews(R)
(c) 2007 The Thomson Corporation. All rts. reserv.
             BIOSIS NO.: 200300356737
17398018
Peripheral Blood Mononuclear Cell Gene Expression in Patients with Sickle
  Cell Disease.
AUTHOR: Jison Maria L (Reprint); Munson Peter J (Reprint); Schechter Alan N
  (Reprint); Barb Jennifer (Reprint); Logun Carolea (Reprint); Pease-Fye
  Margaret (Reprint); Nichols James (Reprint); Danner Robert L (Reprint);
  Gladwin Mark T (Reprint)
AUTHOR ADDRESS: Critical Care Medicine Department, National Institutes of
Health, Bethesda, MD, USA**USA
JOURNAL: Blood 100 (11): pAbstract No. 2603 November 16, 2002 2002
MEDIUM: print
                                            Page 18
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Untitled
CONFERENCE/MEETING: 44th Annual Meeting of the American Society of
Hematology Philadelphia, PA, USA December 06-10, 2002; 20021206
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Poster; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English
 16/3/3
               (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2007 The Thomson Corporation. All rts. reserv.
17379724
             BIOSIS NO.: 200300336467
 Hypoxia Alters Expression of Transcription Factors in Erythroid
   Progenitor Cells and Induces gamma - Globin Gene Expression.
AUTHOR: Rogers Heather M (Reprint); Yu Xiaobing (Reprint); Smith Reginald
   (Reprint); Noguchi Constance T (Reprint)
AUTHOR ADDRESS: Laboratory of Chemical Biology, NIDDK, National Institutes of Health, Bethesda, MD, USA**USA
JOURNAL: Blood 100 (11): pAbstract No. 1769 November 16, 2002 2002
MEDIUM: print
CONFERENCE/MEETING: 44th Annual Meeting of the American Society of
Hematology Philadelphia, PA, USA December 06-10, 2002; 20021206
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster
RECORD TYPE: Abstract
LANGUAGE: English
 16/3/4
               (Item 1 from file: 34)
DIALOG(R) File 34: SciSearch(R) Cited Ref Sci
(c) 2007 The Thomson Corp. All rts. reserv.
15053828 Genuine Article#: 033HS No. References: 51
Title: Fetal hemoglobin induction by histone deacetylase inhibitors involves generation of reactive oxygen species
Author(s): Hsiao CH; Li W; Lou TF; Baliga BS; Pace BS (REPRINT)
Corporate Source: Univ Texas, Dept Mol & Cell Biol, POB
830688/Richardson/TX/75083 (REPRINT); Univ Texas, Dept Mol & Cell
Biol, Richardson/TX/75083; Univ S Alabama, Med Ctr, Dept Pediat,
     USA, Mobile // AL/(bpace@utdallas.edu)
Journal: EXPERIMENTAL HEMATOLOGY, 2006, V34, N3 (MAR), P264-273
                      Publication date: 20060300
ISSN: 0301-472X
Publisher: ELSEVIER SCIENCE INC, 360 PARK AVE SOUTH, NEW YORK, NY
     10010-1710 USA
Language: English
                       Document Type: ARTICLE (ABSTRACT AVAILABLE)
 16/3/5
               (Item 2 from file: 34)
DIALOG(R) File 34: SciSearch(R) Cited Ref Sci
(c) 2007 The Thomson Corp. All rts. reserv.
             Genuine Article#: 204HN
                                           No. References: 31
Title: Induction of globin synthesis in K562 cells is associated with differential expression of transcription factor genes
Author(s): Plonczynski M (REPRINT); Hardy CL; Safaya S; Harrell A; McCoy L
     ; Brinson A; Agwarangbo L; Steinberg MH
Corpórate Source: GV SONNY MONTGOMERY DEPT VET AFFAIRS MED CTR, 1500 E
    WOODROW WILSON DR/JACKSON//MS/39216 (REPRINT); UNIV MISSISSIPPI,SCH
     MED, DEPT MED, DIV HEMATOL/UNIVERSITY//MS/38677; TOUGALOO COLL, DEPT
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Page 19

Journal: BLOOD CELLS MOLECULES AND DISEASES, 1999, V25, N10 (MAY 31), P 156-165

Publication date: 19990531 ISSN: 1079-9796

Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

(Item 1 from file: 73) 16/3/6 · DIALOG(R) File 73: EMBASE (c) 2007 Elsevier B.V. All rts. reserv.

EMBASE No: 1995281736 0076235489

Low oxygen enhances sickle and normal erythropoiesis and fetal

hemoglobin synthesis in vitro

Weinberg R.S.; Acosta R.; Knobloch M.E.; Garber M.; Alter B.P.

Division of Hematology, Department of Medicine, Mount Sinai School of Medicine, New York, NY 10029, United States

CORRESP. AUTHOR: Weinberg R.S.

CORRESP. AUTHOR AFFIL: Division of Hematology, Department of Medicine, Mount Sinai School of Medicine, New York, NY 10029, United States

Hemoglobin (HEMOGLOBIN) (United States) September 29, 1995, 19/5 (263-275)

ISSN: 03630269 CODEN: HEMOD

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

(Item 1 from file: 144) 16/3/7 DIALOG(R) File 144: Pascal (c) 2007 INIST/CNRS. All rts. reserv.

PASCAL No.: 95-0321345 12094864

Hemoglobin F-Cincinnati alpha SUB 2 SUP G gamma SUB 2 41(C7) Phe

rightarrow Ser in a newborn with cyanosis

MUDRA KOHLI-KUMAR; ZWERDLING T; RUCKNAGEL D L

Children's hosp. medical cent., Cincinnati comprehensive sickle cell cent., Cincinnati OH 45229-3039, USA

Journal: American journal of hematology, 1995, 49 (1) 43-47

Language: English

(Item 1 from file: 434) DIALOG(R)File 434:SciSearch(R) Cited Ref Sci (c) 2006 The Thomson Corp. All rts. reserv.

Genuine Article#: D2829 No. References: 13 07428560

Title: HEMATOLOGIC EVIDENCE OF FETAL HYPOXIA AMONG NEWBORN-INFANTS AT

HIGH-ALTITUDE IN BOLIVIA

Author(s): BALLEW C; HAAS JD

Corporate Source: UNIV GEORGIA, DEPT ANTHROPOL, BALDWIN HALL/ATHENS//GA/30602

CORNELL UNIV, DIV NUTR SCI/ITHACA//NY/14853

Journal: AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY, 1986, V155, N1, P 166-169

Language: ENGLISH Document Type: ARTICLE

(Item 1 from file: 444) DIALOG(R) File 444: New England Journal of Med. (c) 2007 Mass. Med. Soc. All rts. reserv.

Copyright 1999 by the Massachusetts Medical Society Page 20

Drug Therapy: Management of Sickle Cell Disease (Review Articles) Steinberg, Martin H. The New England Journal of Medicine Apr 1, 1999; 340 (13),pp 1021-1030 LINE COUNT: 00552 WORD COUNT: 07622 (Item 2 from file: 444) 16/3/10 DIALOG(R) File 444: New England Journal of Med. (c) 2007 Mass. Med. Soc. All rts. reserv. 00105346 Copyright 1988 by the Massachusetts Medical Society Is There Treatment For Sickle Cell Anemia? (Editorial) Platt, Orah S. The New England Journal of Medicine
December 1, 1988; 319 (22),pp 1479-1480
LINE COUNT: 00135 WORD COUNT: 0 WORD COUNT: 01866 (Item 3 from file: 444) 16/3/11 DIALOG(R) File 444: New England Journal of Med. (c) 2007 Mass. Med. Soc. All rts. reserv. 00103813 Copyright 1987 by the Massachusetts Medical Society Hemoglobin Synthesis By Erythropoietin In Baboons Stimulation Of Fetal (Original Article) Al-Khatti, Adil, M.B., F.R.C.P.C.; Veith, Robert W.; Papayannopoulou, Thalia, Dr.Sci.; Fritsch, Edward F., Ph.D.; Goldwasser, Eugene, Ph.D.; Stamatoyannopoulos, George, Dr.Sci. The New England Journal of Medicine August 13, 1987; 317 (7),pp 415-420 LINE COUNT: 00445 WORD COUNT WORD COUNT: 06153 (Item 4 from file: 444) DIALOG(R) File 444: New England Journal of Med. (c) 2007 Mass. Med. Soc. All rts. reserv. Copyright 1987 by the Massachusetts Medical Society Levels in Sudden Infant Death Syndrome Hemoglobin Elevated Fetal (Original Article) Giulian, Gary G., B.A.; Gilbert, Enid F.; Moss, Richard L., Ph.D. The New England Journal of Medicine April 30, 1987; 316 (18),pp 1122-1126 LINE COUNT: 00337 WORD COUNT: 04654 (Item 5 from file: 444) DIALOG(R) File 444: New England Journal of Med. (c) 2007 Mass. Med. Soc. All rts. reserv. 00101179

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Untitled Copyright 1985 by the Massachusetts Medical Society
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Stimulation of F-Cell Production in Patients with Sickle-Cell Anemia
Treated with Cytarabine or Hydroxyurea (Original Article)
  Veith, Robert; Galanella, Renzo; Papayannopoulou, Thalia;
  Stamatoyannopoulos, George.
  The New England Journal of Medicine
  December 19, 1985; 313 (25),pp 1571-1575
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DIALOG(R)File
                5:Biosis Previews(R)
(c) 2007 The Thomson Corporation. All rts. reserv.
              BIOSIS NO.: 200700258304
Hypoxia induces hemoglobin production in human erythroleukemia cells by
  increasing the secretion of transforming growth factor-beta 1 and the
  expression of mitoferrin.
AUTHOR: Kaneko Kiriko (Reprint); Furuyama Kazumichi; Aburatani Hiroyuki;
  Shibahara Shiqeki
AUTHOR ADDRESS: Tohoku Univ, Sch Med, Sendai, Miyagi 980, Japan**Japan JOURNAL: Blood 108 (11, Part 1): p447A NOV 16 2006 2006
CONFERENCE/MEETING: 48th Annual Meeting of the
American-Society-of-Hematology Orlando, FL, USA December 09 -12, 2006;
20061209
SPONSOR: Amer Soc Hematol
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Poster
RECORD TYPE: Abstract
LANGUAGE: English
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(Item 1 from file: 399)

19/3/2

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DIALOG(R) File 399:CA SEARCH(R)
(c) 2007 American Chemical Society. All rts. reserv.
                      CA: 142(10)170084y
   142170084
                                                       PATENT
   Inhibitors of 2-oxoglutarate dioxygenase as gamma globin inducers
   INVENTOR(AUTHOR): Klaus, Stephen J.; Ratcliffe, Peter J.
   LOCATION: USA
   ASSIGNEE: Fibrogen, Inc.; Isis Innovation Limited PATENT: PCT International; WO 200511696 A1 DATE: 20050210 APPLICATION: WO 2004US24916 (20040730) *US 2003PV492045 (20030801)
   PAGES: 43 pp. CODEN: PIXXD2 LANGUAGE: English PATENT CLASSIFICATIONS:
                 A61K-031/47A; A61K-031/17B; A61K-031/19B; A61P-007/00B;
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A61P-007/06B; A61P-033/06B; A61P-043/00B
   DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;
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                  (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2007 The Thomson Corp. All rts. reserv.
               Genuine Article#: 213MM
                                                      No. References: 52
 Title: HIF -prolyl hydroxylase inhibition results in endogenous
      erythropoietin induction, erythrocytosis, and modest fetal
      hemoglobin expression in rhesus macaques
Author(s): Hsieh MM; Linde NS; Wynter A; Metzger M; Wong C; Langsetmo I;
                                                         Page 23
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Lin A; Smith R; Rodgers GR; Donahue RE; Klaus SJ; Tisdale JF (REPRINT)

Corporate Source: NIDDK,MCHB, NIH,9000 Rockville Pike,Bldg 10,9N 116/Bethesda//MD/20892 (REPRINT); NIDDK,MCHB, NIH,Bethesda//MD/20892; NHLBI,Rockville//MD/; FibroGen,San Francisco//CA/

Journal: BLOOD, 2007, V110, N6 (SEP 15), P2140-2147 ISSN: 0006-4971 Publication date: 20070915

Publisher: AMER SOC HEMATOLOGY, 1900 M STREET. NW SUITE 200, WASHINGTON, DC 20036 USA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

21/3/2 (Item 1 from file: 135) DIALOG(R)File 135:NewsRx Weekly Reports (c) 2007 NewsRx. All rts. reserv.

0000661611 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Scientists at National Institute of Diabetes and Digestive and Kidney
Disease publish research in erythrocytosis
Biotech Business Week, October 22, 2007, p.806

DOCUMENT TYPE: Expanded Reporting LANGUAGE: English

RECORD TYPE: FULLTEXT

WORD COUNT: 371

21/3/3 (Item 2 from file: 135)
DIALOG(R)File 135:NewsRx Weekly Reports
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0000336427 (USE FORMAT 7 OR 9 FOR FULLTEXT)
FibroGen awarded grant from NHLBI to develop HIF -PH inhibitors to treat
sickle cell disease
Biotech Business Week, September 18, 2006, p.122

DOCUMENT TYPE: Expanded Reporting LANGUAGE: English

RECORD TYPE: FULLTEXT WORD COUNT: 1034

21/3/4 (Item 1 from file: 149)
DIALOG(R)File 149:TGG Health&Wellness DB(SM)
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02901374 SUPPLIER NUMBER: 149853820 (USE FORMAT 7 OR 9 FOR FULL TEXT

FibroGen Awarded Grant from National Heart, Lung, and Blood Institute to Develop HIF -PH Inhibitors to Treat Sickle Cell Disease.
Business Wire, NA

August 22,

2006

PUBLICATION FORMAT: Newswire LANGUAGE: English RECORD TYPE: Fulltext

TARGET AUDIENCE: Trade

WORD COUNT: 1170 LINE COUNT: 00101

21/3/5 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
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15187010 PMID: 15543094
Possible pathomechanisms of sudden infant death syndrome: key role of chronic hypoxia, infection/inflammation states, cytokine irregularities, Page 24

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Untitled
and metabolic trauma in genetically predisposed infants.
  Prandota Joseph
Faculty of Medicine and Dentistry, and Department of Social Pediatrics, Faculty of Public Health, University Medical School, Wroclaw, Poland.
Jzef854735@pharmanet.com.pl
  American journal of therapeutics (United States)
                                                              Nov-Dec 2004, 11 (6)
  p517-46, ISSN 1075-2765--Print
                                          Journal Code: 9441347
  Publishing Model Print
  Document type: Journal Article; Review
  Languages: ENGLISH
  Main Citation Owner: NLM
  Record type: MEDLINE; Completed
              (Item 1 from file: 266)
 21/3/6
DIALOG(R) File 266: FEDRIP
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00641210
  IDENTIFYING NO.: 5R44HL077025-03
                                           AGENCY CODE: CRISP
  HbF Induction by Prolyl Hydroxylase Inhibitors in Non-human Primates PRINCIPAL INVESTIGATOR: KLAUS, STEPHEN J ADDRESS: SKLAUS@FIBROGEN.COM FIBROGEN INC 225 GATEWAY BLVD SOUTH SAN
FRANCISCO, CA 94080
  PERFORMING ORG.: FIBROGEN, INC., SOUTH SAN FRANCISCO, CALIFORNIA
  SPONSORING ORG.: NATIONAL HEART, LUNG, AND BLOOD INSTITUTE DATES: 2004/13/04 TO 2005/31/08 FY: 2007
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FETAL (W) HEMOGLOBIN
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